SAI KUMAR KOVOURI

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PROFESSIONAL SUMMARY

Graduate student offering 3 years of IT experience with focus on software engineering, possesses extensive knowledge in building scalable web applications following MVC in Java, C#, AngularJS & JavaScript.

EDUCATION

Masters (CS) - University of Missouri, Columbia, MO || GPA 3.9   Jan'16 - Dec'17 (Expected)
Bachelors (CS&E) - Osmania University, Hyderabad, India || GPA 3.6   Jun'09 - May'13

PROFESSIONAL EXPERIENCE

Assessment Resource Center   **Columbia, MO**
Graduate Research Assistant   **June'16 - Present**

• Design, Develop and deploy scalable, highly available web applications for departments, faculty and students.
• Hands on experience in object-oriented, n-tier web app development using AngularJS, ASP.NET MVC.

NetCracker Technology Solutions   **Hyderabad, India**
Associate Software Engineer   **June '13 - Dec '15**

• Developed Card Account Manager Web Application using Java/J2EE and Struts framework.
• Wrote and implemented shell scripts to interact with Database and automate production tasks.
• Worked on Development, Testing and Production phases of SDLC.
• Performed regression and system-level testing to verify application quality and functionality before it was released.
• Designed and developed an Implementation Plan Tool, which saved 150 IT hours annually.
• Developed an automated tool that sends RSS feeds to the whole team, which keeps track of ongoing technology.
• Played an important role in the migration of ECAM servers from Convergys network to NetCracker.

Languages and Technologies:

• Java, C#, C++, C, PHP, .NET, Android, AngularJS, JavaScript, JSP, JavaFX, Struts, HTML5, Unix, Shell Scripting.
• SQL Server, Oracle 11g, TFS, SVN, Git, Visual Studio, Eclipse.

Initiatives & Achievements:

• Won Spotlight Excellence Employee award for best performance at NetCracker.
• Cleared proficient level certification in UNIX and Shell scripting.

PROJECTS

• Worked on a project where we implemented Software Defined Network to intelligently stream video. Implemented OpenFlow controller which changes the network path from the server to the client based on client feedback.

• Worked on a project to Classify Cancer Using Support Vector Machine. We determined the confidence level in classifying two types of leukemia cancer known as ALL and AML based on microarray data using SVM classifier.

• Worked on a research project in final year "Titan Eye-Testing Device" proposed by Titan Industries Private Limited. Developed an android application which aimed at finding the possible ways to measure human acuity errors.

• Developed 'Instant Messenger with RSA encryption', a Java-based application that provides secure instant messaging services using RSA algorithm

• Developed an automated tool to send out emails based on an event at NetCracker Technology Solutions

ACTIVITIES

• Certified by **EMC²** on **Information Storage Associate Version 2.**
• Developed an android application at HackMizzou 2016.